

PSAT Staff Actions for 2003-2005

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Priority	PSAT Staff Action	Staff	Additional resources?
	1. Clean Up Contaminated Sites and Sediments		
H	<ul style="list-style-type: none"> Work with EPA, Ecology, DNR and others to assemble information on all contaminated sediment sites in a format that allows tracking acres contaminated and acres that are cleaned up or dredged or otherwise recover. Use information to improve coordination among agencies involved in cleanup and to encourage progress on all known sites. For at least some sites, also collect post-remediation monitoring information to confirm that sites are not becoming recontaminated. Use system to estimate future costs for public share of remediation. 	Dohrmann	
H	<ul style="list-style-type: none"> Convene a workshop with the Sediment Management Annual Review Meeting (SMARM) specifically on cleanup of contaminated sediment sites. Goal is to have dredging/cleanup community develop an overview of the status of sediment cleanup, improve coordination, flag policy issues, and accelerate cleanups. 	Dohrmann	
L	<ul style="list-style-type: none"> If requested by a PSAT Local Liaison or partner agency, review and comment on dredging or remediation proposals for specific sites. Continue to participate in the Bellingham Bay comprehensive strategy. 	Dohrmann, Culverwell	

Priority	PSAT Staff Action	Staff	Additional resources?
	2. Reduce Continuing Toxic Contamination and Prevent Future Contamination		
H	<ul style="list-style-type: none"> Distribute the recent EVS toxics report and work with the Washington Toxics Work Group to make recommendations for controls and research. 	Dohrmann	
H	<ul style="list-style-type: none"> Using the recent EVS report and the work of the Washington Toxics Work group, prepare up to six extracts of interesting toxics facts and associated work group recommendations, especially emerging toxics issues like fire retardants, estrogen-mimicking compounds, etc. Consider putting articles on the PSAT web site or turn into articles for <i>SoundWaves</i>. Update the PSAT web site and provide addition information and links on toxics issues. Develop a toxics communications strategy around the EVS report. 	Dohrmann, Getchell	
H	<ul style="list-style-type: none"> Add air toxics to environmental conditions information included in the Puget Sound Report (maybe the entire Toxics Release Inventory picture). 	Brace	
H	<ul style="list-style-type: none"> Work with the Puget Sound Council on the targeted performance review. 	Anderson, Dohrmann	
H	<ul style="list-style-type: none"> Use information from discharge monitoring reports and the toxics release inventory to identify largest dischargers of toxics to Puget Sound; ask Ecology TREE (Technical Resources for Engineering Efficiency) teams to work with facility managers to discuss opportunities to reduce these discharges. Coordinate with planning of actions for 2005-07. 	Dohrmann	
L	<ul style="list-style-type: none"> Meet with Ecology and EPA staff and review available information on air toxics. Write a short position paper that recommends a PSAT staff position on the significant and trends in airborne toxics. Assemble key source documents and/or key web URLs. If justified by air toxics review, write an article for <i>SoundWaves</i> that educates the target audience on the significant and trends of air toxics. 	Dohrmann	

Priority	PSAT Staff Action	Staff	Additional resources?
	3. Reduce the Harmful Impacts from Stormwater Runoff		
	3.1. Promote Local Comprehensive Stormwater Programs		
H	<ul style="list-style-type: none"> Revise prioritized list of local governments and advocate for development of local, comprehensive SW programs. Emphasize adoption of 2001 Ecology manual. Provide targeted assistance to help them: Enhance their programs to include SW-1 elements; find additional funding sources; ensure that stormwater is adequately addressed in GMA updates; and ensure that stormwater is included in watershed planning processes and individual salmon recovery plan chapters (as per Shared Strategy). Convene one interagency meeting to coordinate assistance to local governments. Share examples in SoundWaves. Seek opportunities to advocate for comprehensive programs for state, federal and tribal facilities. 	Wulkan, Beale, LLs, Getchell	Yes, if prioritized list exceeds time allotment f/outreach for this priority or if no additional publication needs are identified.
H	<ul style="list-style-type: none"> Develop & conduct survey of how local governments are addressing the elements of SW-1 in their stormwater programs. Share results and publish in PS report. 	Wulkan, Knackstedt, Getchell	Need help compiling results, and \$ for mailing, if we mail
	<ul style="list-style-type: none"> 		
L	<ul style="list-style-type: none"> Develop and oversee contract for stormwater costs study. Disseminate results. 	Wulkan, Getchell	Probably needs additional contract funds
	3.2. Research, demonstrate, & promote increased use of LID		
H	<ul style="list-style-type: none"> Oversee contracts for LID DIF grant: monitoring, analyses & guidance manual. 	Wulkan, Beale, Droscher	No
H	<ul style="list-style-type: none"> Develop LID technical bulletin and distribution plan that includes results of analyses, status of monitoring and manual, other info. 	Wulkan, Droscher, LLs	\$ for printing
H	<ul style="list-style-type: none"> Identify other local governments and tribes interested in LID and help them adopt new or revise existing ordinances to allow for LID by bringing in regional resource people. Identify potential LID projects and bring in regional resource people to help increase use of LID practices. Once additional LID info is available, increase outreach to building community (get on their agendas). Provide LID training for Mason County staff and presentation to HCCC. 	Wulkan, Beale, LLs, admin	No
H	<ul style="list-style-type: none"> Develop a pilot project to promote residential and commercial LID -- dependent on funding 	Wulkan, Ack	Required

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	3. Reduce the Harmful Impacts from Stormwater Runoff		
			funding
L	<ul style="list-style-type: none"> Participate on Ecology LID Credits Committee, share results via web page and through outreach, and ask Ecology if additional \$ is needed to update manual and model to include appropriate LID credits. 	Wulkan, LLs, J. Williams	Additional \$ may be needed to update model.
L	<ul style="list-style-type: none"> Apply for DIF grant to fund mini-grants to help locals revise ordinances. 	Wulkan, Beale	No
	3.3. Other Stormwater Activities		
M	<ul style="list-style-type: none"> Develop a stormwater communications plan for 05-07 	Getchell	
L	<ul style="list-style-type: none"> Develop opportunities to partner with other media groups on stormwater 	Getchell, Wulkan	

Priority	PSAT Staff Action	Staff	Additional resources?
	4. Prevent Contamination from Sewage Systems, On-Site Septics, and Other Non-Point Sources, in Particular as They Affect Shellfish		
	4.1. Assist with Special Projects in Priority Areas		
H	<ul style="list-style-type: none"> Work with Ecology, Health and other agencies and organizations to respond to emerging threats and to carry out shellfish closure response strategies in selected areas, including Drayton Harbor, Similk Bay, Dungeness Bay, Port Hadlock, Samish Bay, Portage Bay, Burley Lagoon, Henderson Inlet, Nisqually Reach and Filucy Bay. 	Glasoe, Culverwell, Cambalik, Taylor (others?)	
L	<ul style="list-style-type: none"> Support surveillance and public involvement efforts by the Snohomish Health District and the Stillaguamish Clean Water District to reduce fecal contamination of surface waters (in the Stillaguamish watershed?) caused by on-site sewage systems and animal sources. 	Culverwell, Hull	
L	<ul style="list-style-type: none"> Work with Ecology and other agencies and organizations to design and carry out water cleanup plans for fecal (and nutrient?) contamination in selected areas, including the Nooksack River, Oakland Bay, Skokomish River, Dungeness River and Bay, Budd Inlet and Union River. 	Hull, Glasoe, Cambalik	
	4.2. Strengthen Local Sewage Management Programs		
H	<ul style="list-style-type: none"> Work with the Thurston County Health Department and Henderson/Nisqually stakeholders group to design an effective risk-based management program for on-site sewage systems. Summarize or modify this product as necessary to outline a model risk-based program for distribution to other jurisdictions in the region. 	Hull, Glasoe, Droscher	\$\$
L	<ul style="list-style-type: none"> Continue working with Health and local health departments to provide forums and other means to share information for improving data management systems for local on-site sewage programs. 	Hull	
L	<ul style="list-style-type: none"> Evaluate and develop funding options for repairing on-site sewage systems consistent with the methods piloted in Pacific County under the shellfish/on-site sewage grant program. 	Hull	Ecology FAC participation

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	4. Prevent Contamination from Sewage Systems, On-Site Septics, and Other Non-Point Sources, in Particular as They Affect Shellfish		
	4.3. Ensure Effective and Progressive State Oversight		
H	<ul style="list-style-type: none"> Review and evaluate the state's rules and requirements re: sewage management and on-site septs, including: the legal authorities and options for accessing and inspecting privately owned on-site sewage systems and, when necessary, enforcing the repair of malfunctioning or failing systems; requirements for sewage treatment and comprehensive sewage planning in the state growth management and water quality laws; and opportunities to address key management issues related to on-site sewage systems, water reuse, land application of wastewater and other emerging or non-traditional sewage management approaches. Write an issue paper, develop guidance for use by local governments, and, if necessary, recommend rulemaking and/or pursue legislation to address any significant legal barriers or gaps. 	Hull, Beale, Glasoe	
L	<ul style="list-style-type: none"> Help develop a model monitoring and maintenance program for large systems through direct consultation with Health and participation on the rule-development committee for large on-site systems. [B10] 	Hull	
L	<ul style="list-style-type: none"> Coordinate a discussion of “no-discharge” zones for the Puget Sound Council 	Wulkan	
L	<ul style="list-style-type: none"> Work with WOSSA, Health, Licensing and industry to expand the provider licensing or certification programs 	Hull	
L	<ul style="list-style-type: none"> Represent the Action Team on an interagency work group for implementing the state Nonpoint Plan; coordinate DIF grant selection internally 	Beale	

Priority	PSAT Staff Action	Staff	Additional resources?
	5. Protect Shorelines and Other Critical Areas that Provide Important Ecological Functions		
	5.1. Support Local Regulatory Habitat Protections		
H	<ul style="list-style-type: none"> Coordinate review of GMA and Shoreline Master Programs with partner agencies in Interagency Work Group on GMA (IAWG) updates (led by CTED). Develop checklist for LL review of priority jurisdiction documents. Work with partnership agencies and GOAT to give guidance and technical assistance to local governments for comprehensive plan updates. 	Beale, LLs, Myers, Wulkan, Hull	\$\$
H	<ul style="list-style-type: none"> Meet with the four jurisdictions scheduled for Shoreline Master Program Updates to assist in coordinating the update process. Encourage shoreline planning to consider sediment contamination and remediation. 	Culverwell, Cambalik, Taylor	
L	<ul style="list-style-type: none"> Meet with CTED, Ecology and the Governor's Salmon Recovery Office to identify and agree to better mechanisms for communication and coordination of state agency assistance. 	Beale, LLs	
	5.2. Educate on Habitat Protection		
H	<ul style="list-style-type: none"> Work with local partners to convene workshops to educate local shoreline landowners, upland residents, and government officials in Whatcom County, Bainbridge Island and Jefferson County on the values and functions of shorelines and the nature of shorelines as a public trust resource. Evaluate workshops. Identify means of convening future workshops without direct PSAT involvement. 	Cambalik, Culverwell, Myers, Knackstedt,	Will likely need some workshop funds, minor pubs role
L	<ul style="list-style-type: none"> Help develop training program and participate in NOAA's Coastal Training Initiative to train local shoreline planners, consultants and agency staff. Encourage evaluation of the initiative's efforts. 	Beale	
L	<ul style="list-style-type: none"> Support Hood Canal PIE project to educate and motivate landowners re: alternative bank protection and other restoration methods. Assist with project evaluation. 	Cambalik, Knackstedt, Myers	
L	<ul style="list-style-type: none"> Work with WSU King Co in Jefferson, Island Kitsap counties and Bainbridge Island to support landowner conservation workshops under DIF grant funding (ensure evaluation of this activity) 	Knackstedt, Cambalik, duPre	
L/H	<ul style="list-style-type: none"> Provide technical assistance to watershed planning groups to promote consistency with PS Plan. Develop checklist for plan review for plans due before 6/30/05: WRIAs 1, 3/4(Hilary), WRIAs 2,6 (Robyn), WRIA 12 (Kathy), WRIAs 16 (Stuart), WRIAs 15, 17, 18 and 19(John C). 	Beale, LLs	
	5.3. Other Habitat Protection		
H	<ul style="list-style-type: none"> Develop a report or technical bulletin that estimates projected nearshore habitat change in Puget Sound. 	Myers, Droscher	PSNERP
L	<ul style="list-style-type: none"> Recommend the establishment of new NERRs. 	Myers, Brace, Redman	

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	5. Protect Shorelines and Other Critical Areas that Provide Important Ecological Functions		
L	<ul style="list-style-type: none"> Track and support 2496 lead entity processes and participate in technical review as appropriate, in order to encourage acquisitions to preserve high quality nearshore habitat. 	LLs	
L	<ul style="list-style-type: none"> Participate on the state Ballast Water Work Group and environmental soundness committee to review and approve new ballast treatment technologies and develop sound ballast water program and policies for Washington. 	Anderson	
L	<ul style="list-style-type: none"> Manage RGI grant contract with Marina Alberti, serve on an advisory committee to develop an integrated framework for local land use decisions based on an analysis of spatial data. 	Glasoe, Beale	
L	<ul style="list-style-type: none"> Track and support DIF contract with Kitsap County for Barker Creek alternative futures project 	Beale, Cambalik	

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	6. Restore Degraded Nearshore and Freshwater Habitats		
	6.1. Support PSNERP and Advocate for Process-Based Restoration		
H	<ul style="list-style-type: none"> Co-lead the Estuary Restoration Project activities of the Nearshore Science Team and continue participation in associated committees of the Puget Sound Nearshore Ecosystem Restoration Project. Continue implementation of the communications plan for PSNERP. Begin implementation of Early Action Projects. Encourage parties to include sediment contamination and remediation in habitat enhancement activities 	Myers, Fagergren, Ack, LLs, Getchell, J. Williams	
L	<ul style="list-style-type: none"> Engage in <u>specific</u> Natural Resources Damage Assessment, Large Marine Projects mitigation and Mitigation Banking processes to advocate restoration of nearshore processes in Puget Sound through mitigation. Provide restoration guidance and management plan goals to the appropriate staff in trust agencies. 	Myers	
L	<ul style="list-style-type: none"> Facilitate the development of partnerships in <u>specific</u> local and regional habitat restoration projects possibly including Capitol Lake Estuary Feasibility Study, Skokomish River causeway and Burlington Northern Habitat Inventory and Assessment . (Specific adaptation of parts of Workplan Actions 26 and 27) 	Fagergren, Myers, LLs, Criss, Cambalik, Glasoe,	
	6.2. Assist Ongoing Restoration Efforts		
L	<ul style="list-style-type: none"> Assist Ecology and the Association of General Contractors in scoping a monitoring program to assess the cost and environmental effectiveness of alternative bank protection methods in partial fulfillment of the negotiated settlement over the Shoreline Management Guidelines appeal. <i>(Adapted from Workplan Action 21)</i> 	Myers	
L	<ul style="list-style-type: none"> Advertise and distribute new guidance materials from Ecology on Wetlands Stewardship, Aquatic Landscape Assessment, Best Available Science, and Mitigation to local governments and the restoration community. 	LLs, Getchell, admin	
L	<ul style="list-style-type: none"> Participate in the Pacific Coast Joint Venture Steering Committee <i>(Part of Workplan Action 26)</i> 	Myers, LLs	
	6.3. Evaluate Habitat Restoration Efforts		
H	<ul style="list-style-type: none"> Review of Restoration in Puget Sound – How are we doing, where do we go from here? (as part of "future without" paper for PSNERP) -- extend into 2005-07 as needed 	Myers	
L	<ul style="list-style-type: none"> Work with British Columbia provincial and the Washington state representatives to develop and host a Spartina management workshop for citizen conservation groups 	Anderson	

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	7. Conserving and Recovering Orca, Salmon, and Groundfish		
	7.1. Conserving and Recovering Orca		
H	<ul style="list-style-type: none"> Organize and support interagency committee to coordinate orca recovery/conservation planning. Manage e-mail communications and schedule at least one meeting each year. In addition to using the committee to provide coordination among agencies, use SoundWaves and other opportunities to keep the interested public informed about the coordinated recovery/conservation planning activities. Represent the Action Team staff in the recovery/conservation planning processes by participating in workshops and reviewing and commenting on reports and plans. 	Dohrmann	
H	<ul style="list-style-type: none"> Working with Action Team agencies and the Governor's office, organize and hold a workshop on early actions to conserve killer whales. Schedule the workshop during public review of the work plan priorities document. Focus session on how state agency programs can better protect killer whales and include ideas for citizen and business actions. Use work plan public review to get the word out. Coordinate media promotion for the workshop and issue. 	Dohrmann, Anderson, Getchell	\$\$
H	<ul style="list-style-type: none"> Prepare a communications package around toxics in Orca. Coordinate with Toxics priority and build the communications package. Make this part of the action to use the EVS report and work group recommendations. 	Dohrmann, Getchell	
L	<ul style="list-style-type: none"> Continue to collect information and track issues around underwater noise and marine mammals. Review the Navy report on the USS Shoup incident when it is released. Post information on PSAT web site and/or write Soundwaves articles. 	Dohrmann	
L	<ul style="list-style-type: none"> Track project to return Luna to L pod. Keep staff informed and provide information through our communications channels as appropriate. 	Dohrmann	
	7.2. Conserving and Recovering Salmon		
H	<ul style="list-style-type: none"> Produce nearshore chapter for Shared Strategy by October 2004: includes develop guidance; develop regional-scale working hypotheses, strategy, actions; convene nearshore policy group. Ensure that sediment contamination and remediation are considered and incorporated into recovery planning. 	Myers, Redman, Averill, Ack, Droscher	
H	<ul style="list-style-type: none"> Assist Shared Strategy partners in communicating about salmon recovery 	Getchell	
H	<ul style="list-style-type: none"> Assist Shared Strategy with outreach to local groups and coordinate state agency and university program coordination with Shared Strategy. Provide and coordinate technical assistance for the nearshore component of local salmon recovery plans. 	Beale, LLs, Fagergren	

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	7. Conserving and Recovering Orca, Salmon, and Groundfish		
	7.3. Conserving and Recovering Groundfish		
H	<ul style="list-style-type: none"> Work with select tribe(s), Northwest Straits Commission and MRCs to encourage the development of one or more rockfish recovery areas 	Fagergren, Cambalik	
L	<ul style="list-style-type: none"> Participate in and promote the findings of a Puget Sound MPA science group to encourage appropriate authorities to establish and monitor MPAs. 	Fagergren	
L	<ul style="list-style-type: none"> Convene a technical groundfish recovery group to discuss the full range of tools to promote recovery 	Fagergren	
L	<ul style="list-style-type: none"> Develop criteria for projects to use forage fish spawn information 	Fagergren	

Priority	PSAT Staff Action	Staff	Additional resources?
	8. Cross-Cutting Actions		
H	<ul style="list-style-type: none"> Coordinate a preliminary assessment of human-caused threats to Hood Canal dissolved oxygen conditions. Lead a regional discussion of near-term corrective actions. Develop an action plan and seek funding. This will complement longer-term monitoring and modeling efforts. Develop and implement a public education and involvement program for this issue. 	Fagergren, Criss, Cambalik, Glasoe, Getchell, Knackstedt, Hull	\$\$
H	<ul style="list-style-type: none"> Coordinate the Puget Sound Ambient Monitoring Program and share results via reports such as the Puget Sound Update 	Brace, Fagergren	
H	<ul style="list-style-type: none"> Convene a Puget Sound-Georgia Basin Research Conference in early 2005, include student presentations. Identify co-sponsors. Staff meeting to develop and define the program and presentations for the conference. Hire conference coordinator. 	Brace, Redman, J Williams, Droscher, Knackstedt	Conference coordinator
H	<ul style="list-style-type: none"> Develop 2nd version of Puget Sound-Georgia Basin ecosystem indicators with partners 	Brace, Redman, Glasoe	
H	<ul style="list-style-type: none"> Prepare 2005-07 Puget Sound Priorities and Work Plan documents 	Beale, Droscher & all	
H	<ul style="list-style-type: none"> Prepare Puget Sound Report -- report to legislature and citizens of the region on the health of Puget Sound and the status of conservation efforts. Distribute to target audience. 	Knackstedt, Brace, Redman, Getchell, Ack, J. Williams, LL	Printing
H	<ul style="list-style-type: none"> Develop a white paper and legislative agenda for the new Governor on Puget Sound. Include: ideas for possible executive order and/or legislation related to LID; expansion of MRCs to South Sound and King County; extension of derelict gear program to South Sound and finding a permanent home for this work, and next steps on PBTs 	Ack, Dohrmann, Hull, Wulkan, Fagergren	
H	<ul style="list-style-type: none"> Educate and involve a number of targeted audiences around Puget Sound conservation priorities through PIE (public involvement and education) contracts 	Criss, others	
H	<ul style="list-style-type: none"> Complete a study assessing the effects of urbanization on water quality in shellfish growing areas and develop guidance for land-use and pollution-control practices in shellfish watersheds. Identify target audiences and communicate results of shellfish urbanization study. Incorporate into outreach on GMA updates. Distribute through appropriate venues. <i>(This is Work Plan Action 54 and an extension of Work Plan Action 53) *** Relevant to Priorities 3, 4, and 5 ***</i> 	Glasoe, Beale, LLs, Getchell, Droscher, Wulkan	
H	<ul style="list-style-type: none"> Develop a Puget Sound GIS. Include classified shellfish growing areas, marine outfalls, estimated contaminant loadings from permitted discharges, concentrations of on-site sewage systems 	Redman, Brace; Hull; Myers	RGI proposal & existing EPA funds

Priority	PSAT Staff Action	Staff	Additional resources?
	8. Cross-Cutting Actions		
L	<ul style="list-style-type: none"> Review legal constraints on awarding cash for innovation. Create an Innovations competition around Puget Sound priority issues (toxics reduction, stormwater management, etc.) 	Ack , Anderson, others	
L	<ul style="list-style-type: none"> Help implement monitoring for aquatic nuisance species and help incorporate this monitoring into existing programs. 	Anderson	
L	<ul style="list-style-type: none"> Development of a Best Practices database in technologies and practices relevant to Puget Sound conservation issues. Include: use of waterless plumbing facilities and their applicability for use in state facilities. Develop project scope and request for proposal. 	Anderson, Hull	\$\$
H	<ul style="list-style-type: none"> Use federal resources to implement the early action plan for the Hood Canal to correct the low dissolved oxygen problem. Develop a process for distributing the money, Coordinate with PSNERP. 	Fagergren, Criss, Knackstedt, Myers	
H	<ul style="list-style-type: none"> Track and support MRCs and local nearshore coordination groups. Participate in and provide technical assistance for specific projects 	Cambalik, DuPre, Culverwell	
H	<ul style="list-style-type: none"> Work to reauthorize the Northwest Straits Commission initiative and spread the model elsewhere in Puget Sound 	Fagergren. LLs	
H	<ul style="list-style-type: none"> Coordinate the June 2004 conference on the five-year review of the work of the Northwest Straits Commission. Seek co-sponsorship. 	Fagergren, North Sound LLs, Ack, Redman	\$\$
M	<ul style="list-style-type: none"> Serve on the Biodiversity Council if created by executive order 	Taylor	
L	<ul style="list-style-type: none"> Track implementation of the agency Sustainability Plan and report quarterly. 	Wulkan	
L	<ul style="list-style-type: none"> Celebrate successes – develop opportunities for media relations and ways to congratulate elected officials for successes in shellfish upgrades, LID creation, shoreline management, etc 	LLs; leads, Getchell	
H	<ul style="list-style-type: none"> Develop an agency communications plan for this biennium and prepare for the next biennium 	Getchell	